

TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371		ATTORNEY'S DOCKET NUMBER ASZD-P01-750
		U.S. APPLICATION NO. (If known, use 37 CFR 1.5) 10/521428
INTERNATIONAL APPLICATION NO. PCT/GB2003/003067	INTERNATIONAL FILING DATE 14 July 2003	PRIORITY DATE CLAIMED 17 July 2002
TITLE OF INVENTION SPLICE VARIANT CANNABINOID RECEPTOR (CB1B)		
APPLICANT(S) FOR DO/EO/US Vu et al.		

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

- ☒ This is a **FIRST** submission of items concerning a submission under 35 U.S.C. 371.
- ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a submission under 35 U.S.C. 371.
- ☒ This is an express request to begin national examination procedures (35 U.S.C. 371 (f)). The submission must include items (5), (6), (9) and (21) indicated below.
- ☒ The US has been elected (Article 31).
- ☒ A copy of the International Application as filed (35 U.S.C. 371 (c)(2))
 - ☒ is attached hereto (required only if not communicated by the International Bureau).
 - ☐ has been communicated by the International Bureau.
 - ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
- ☐ An English language translation of the International Application as filed (35 U.S.C. 371 (c)(2)).
 - ☐ is attached hereto.
 - ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
- ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))
 - ☐ are attached hereto (required only if not communicated by the International Bureau).
 - ☐ have been communicated by the International Bureau.
 - ☐ have not been made; however, the time limit for making such amendments has NOT expired.
 - ☒ have not been made and will not be made.
- ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)).
- ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).
- ☐ An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).

Items 11 to 20 below concern document(s) or information included:

- ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
- ☒ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
- ☐ A preliminary amendment.
- ☒ An Application Data Sheet under 37 CFR 1.76.
- ☒ A substitute specification.
- ☐ A power of attorney and/or change of address letter.
- ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.
- ☐ A second copy of the published International Application under 35 U.S.C. 154(d)(4).
- ☐ A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
- ☒ Other items or information: Postcard
Marked-Up Specification

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

U.S. APPLICATION NO. 10/521428		INTERNATIONAL APPLICATION NO. PCT/GB2003/003067		ATTORNEY'S DOCKET NUMBER ASZD-P01-750	
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21. The following fees are submitted:

	Applicant Use	Office Use Only																		
<input checked="" type="checkbox"/> a) Basic national fee \$300.00	\$ 300.00																			
<input checked="" type="checkbox"/> b) Examination fee \$200.00	\$ 200.00																			
<input checked="" type="checkbox"/> c) Search fee \$500.00	\$ 500.00																			
TOTAL OF ABOVE CALCULATIONS = \$1000.00	\$ 1,000.00																			
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.																				
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 20%;">Total Sheets</th> <th style="width: 20%;">Extra sheets</th> <th style="width: 40%;">Number of each additional 50 or fraction thereof (round up to a whole number)</th> <th style="width: 20%;">RATE</th> </tr> <tr> <td>27 - 100 =</td> <td>/50 =</td> <td></td> <td>x \$250.00</td> </tr> </table>	Total Sheets	Extra sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE	27 - 100 =	/50 =		x \$250.00												
Total Sheets	Extra sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE																	
27 - 100 =	/50 =		x \$250.00																	
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492 (e)).		\$																		
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 20%;">CLAIMS</th> <th style="width: 20%;">NUMBER FILED</th> <th style="width: 20%;">NUMBER EXTRA</th> <th style="width: 20%;">RATE</th> </tr> <tr> <td>Total claims</td> <td>34 - 20 =</td> <td>14</td> <td>x 50.00</td> </tr> <tr> <td>Independent claims</td> <td>12 - 3 =</td> <td>9</td> <td>x 200.00</td> </tr> <tr> <td colspan="3">MULTIPLE DEPENDENT CLAIM(s) (if applicable)</td> <td>+ 360.00</td> </tr> </table>	CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	Total claims	34 - 20 =	14	x 50.00	Independent claims	12 - 3 =	9	x 200.00	MULTIPLE DEPENDENT CLAIM(s) (if applicable)			+ 360.00	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>TOTAL OF ABOVE CALCULATIONS =</td> <td>\$ 3,860.00</td> </tr> </table>	TOTAL OF ABOVE CALCULATIONS =	\$ 3,860.00	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE																	
Total claims	34 - 20 =	14	x 50.00																	
Independent claims	12 - 3 =	9	x 200.00																	
MULTIPLE DEPENDENT CLAIM(s) (if applicable)			+ 360.00																	
TOTAL OF ABOVE CALCULATIONS =	\$ 3,860.00																			
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.		\$																		
SUBTOTAL =		\$ 3,860.00																		
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492 (f)).		+																		
TOTAL NATIONAL FEE =		\$ 3,860.00																		
Fee for recording the enclosed assignment (37 CFR 1.21 (h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property		+																		
TOTAL FEES ENCLOSED =		\$ 3,900.00																		
Amount to be refunded:		\$																		
Amount to be charged:		\$																		

a. ☐ A check in the amount of \$ _____ to cover the above fees is enclosed.

b. ☒ Please charge my Deposit Account No. 18-1945 in the amount of \$ 3,900.00 to cover the above fees. A duplicate copy of this sheet is enclosed.

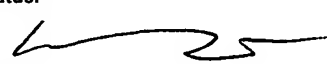
c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 18-1945. A duplicate copy of this sheet is enclosed.

d. ☐ Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. **Credit card information should not be included on this form.** Provide credit card information and authorization on PTO-2038.

NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the International Application to pending status.

SEND ALL CORRESPONDENCE TO:

Patricia Granahan, Sc.D.
ROPES & GRAY LLP
One International Place
Boston, Massachusetts 02110-2624
(617) 951-7449
CUSTOMER NUMBER: 28120


 SIGNATURE: _____
 NAME: Weishi Li

 53,217
 REGISTRATION NUMBER

Effective on 12/08/2004. Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818). FEE TRANSMITTAL For FY 2005		Complete if Known		
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27		Application Number	Not Yet Assigned	
		Filing Date	Concurrently Herewith	
		First Named Inventor	Huy Khang Vu	
		Examiner Name	Not Yet Assigned	
		Art Unit	N/A	
TOTAL AMOUNT OF PAYMENT	(\$)	3,900.00	Attorney Docket No.	ASZD-P01-750

METHOD OF PAYMENT (check all that apply)

☐ Check
 ☐ Credit Card
 ☐ Money Order
 ☐ None
 ☐ Other (please identify): _____

☒ Deposit Account
 Deposit Account Number: 18-1945
 Deposit Account Name: Ropes & Gray LLP

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☒ Charge fee(s) indicated below
 ☐ Charge fee(s) indicated below, except for the filing fee

☒ Charge any additional fee(s) or underpayment of fee(s) under 37 CFR 1.16 and 1.17
 ☒ Credit any overpayments

FEE CALCULATION

1. BASIC FILING, SEARCH, AND EXAMINATION FEES

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

2. EXCESS CLAIM FEES

Fee Description	Fee (\$)	Small Entity Fee (\$)
Each claim over 20 (including Reissues)	50	25
Each independent claim over 3 (including Reissues)	200	100
Multiple dependent claims	360	180

Total Claims	Extra Claims	Fee (\$)	Fee Paid (\$)	Multiple Dependent Claims	
34	- 20 = 14	x 50.00 =	700.00	Fee (\$)	Fee Paid (\$)
				360.00	360.00

Indep. Claims	Extra Claims	Fee (\$)	Fee Paid (\$)
12	- 3 = 9	x 200.00 =	1,800.00

3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
27	- 100 =	/50 (round up to a whole number) x		

4. OTHER FEE(S)

	Fees Paid (\$)
Non-English Specification, \$130 fee (no small entity discount)	
Other (e.g., late filing surcharge):	
1631 Basic National Stage fee	300.00
1632 National Stage search fee	500.00
1633 National Stage examination fee	200.00
8021 Recording each patent assignment, agreement or ...	40.00
1615 National Stage claims - extra total (over twenty)	700.00
1614 National Stage claims - extra independent (over ...	1,800.00
1616 National Stage claims - multiple dependent	360.00

SUBMITTED BY

Signature		Registration No. (Attorney/Agent)	53,217	Telephone	(617) 951-7404
Name (Print/Type)	Weishi Li	Date	January 14, 2005		

I hereby certify that this correspondence is being deposited with the U.S. Postal Service as Express Mail, Airbill No. EV323525906US, in an envelope addressed to: MS PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.

Dated: 1/14/05 Signature: Andrea Berlo (Andrea Berlo)

Application No. (if known): Not Yet Assigned

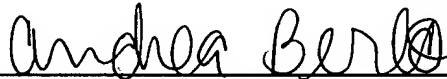
Attorney Docket No.: ASZD-P01-750

Certificate of Express Mailing Under 37 CFR 1.10

I hereby certify that this correspondence is being deposited with the United States Postal Service as Express Mail, Airbill No. EV323525906US in an envelope addressed to:

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on January 14, 2005
Date



Signature

Andrea Berlo

Typed or printed name of person signing Certificate

Registration Number, if applicable

Telephone Number

Note: Each paper must have its own certificate of mailing, or this certificate must identify each submitted paper.

Fee Transmittal (1 pages)
Application Data Sheet (3 pages)
Substitute specification (27 pages)
Marked-Up Specification (27 pages)
Oath or declaration of the inventor(s)
Assignment (3 pages)
Recordation Form Cover Sheet (1 page)
Transmittal Letter to the United States Designated-Elected Office (3 pages)
Sequence Listing (4 pages & disk)
Copy of PCT/GB2003/003067
Charge \$3,900.00 to deposit account 18-1945
Return receipt postcard